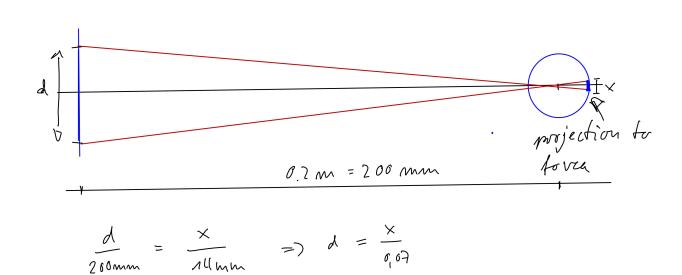
DIP Tutorial 23S, session 1: Reference solution for Problem 1.4



From problem statement:

Forca: 1mm² with 160 000 cells = 4002 come

400 × 400 + intrimainte calls, =) evray: equally distributed

in 1D: on 1 mm: 400 com alls and 400 intermediate cells

 $D = \frac{1 \text{ mm}}{100 + 400} = 1.25 \text{ mm}$

=) $d < \frac{x}{0.07} = \frac{0.07}{0.07} = \frac{1.25}{0.07} \text{ mm} \approx 18 \text{ mm}$

=) Dots of diameter d < 18 pm not visible at a distance of 20 cm